

Serial No. 09/753,855
Art Unit No. 2175

AMENDMENTS TO THE SPECIFICATION

Amend the "Brief Description of the Drawings" found on page 7, lines 3-18 as follows:

Brief Description of the Drawings

The invention will now be described in greater detail with specific reference to the appended figures wherein:

Fig. 1 shows a system architecture for use with the present invention;

Fig. 2 shows a replicated data structure architecture in accordance with the present invention;

Fig. 3 schematically represents creation of a virtual table structure of non-tabular data in accordance with the present invention;

Fig. 4 provides a representative process flow for handling a query in accordance with the present invention;

Fig. 5 provides a representative process flow for client parsing in accordance with the present invention; and

~~Fig. 6 provides an example of a query result generated by a sample implementation of the present invention.~~

YOR920000155

-2-

Serial No. 09/753,855
Art Unit No. 2175

Amend the paragraph found on page 12, line 15 to page 13, line 2 as follows:

As shown in Fig. 2, the server 201 comprises an event management component 203 including at least one event handler 205 and a query management component 213 having at least one query handler 215. Server data 207 is accessible to both the event handlers 205 and the query handlers 215. On the client side, the client 202 includes a user interface (UI) 216, an event management component 204 having at least one event handler 206, and a query generation component 214. Both the event and query components access client data stored in the virtual table cache 220. In addition, the client includes a dynamic parsing component 222 which comprises at least one parser extension component 224 24.

YOR920000155

-3-

Serial No. 09/753,855
Art Unit No. 2175

Amend the paragraph found on page 36, lines 4-11 as follows:

Each of these queries generates an XML document containing the encoded result of the query. The DTDs for the document types were developed in conjunction with the queries themselves. ~~A typical document generated by one of these queries is illustrated in Fig. 6.~~ On the client side, a system was built that allows these XML documents to be lazily parsed into data structures that closely mirror the subsets of the functionality of the corresponding C++ datatypes that is useful for program browsing.

YOR920000155

-4-